

Figure 1A
Prior Art

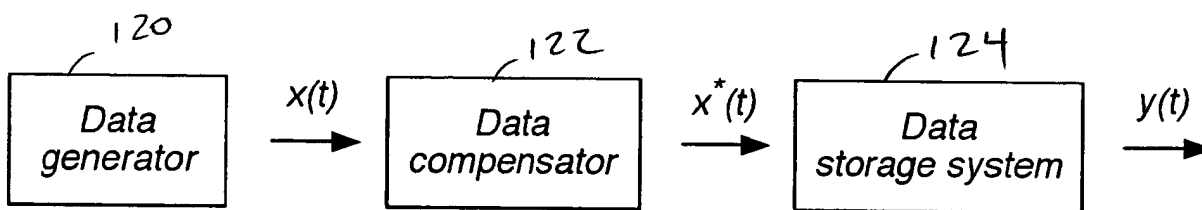


Figure 1B

000000-86896460

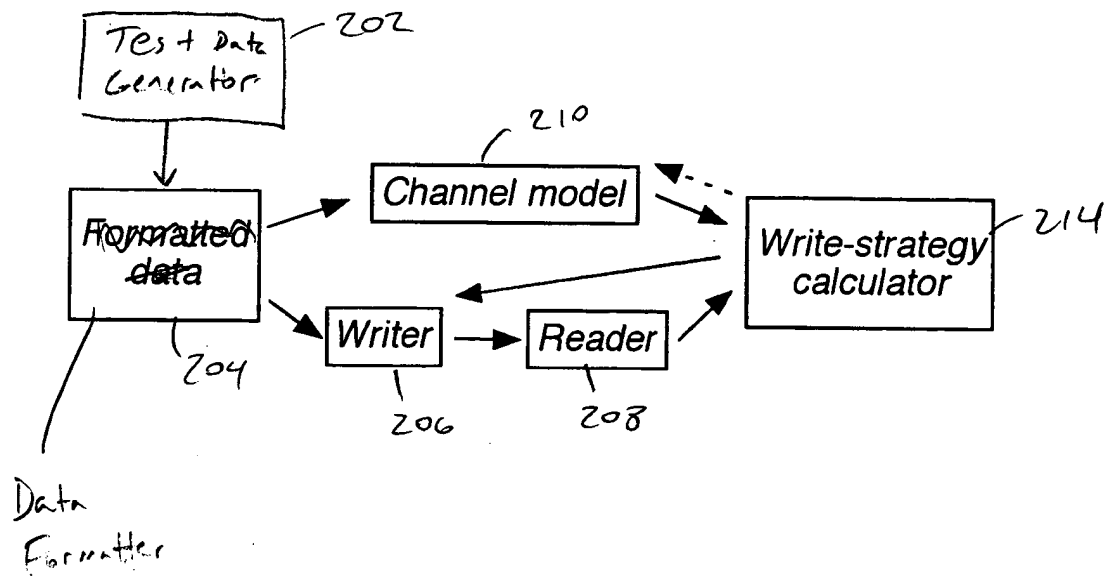
[illegible]

FIG. 2. Write compensation system

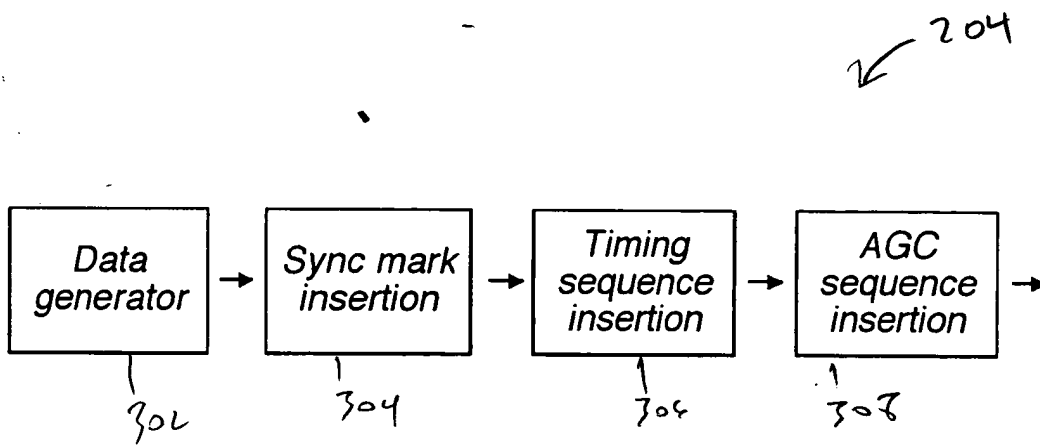


FIG. 3. Data formatter

002020-86896460

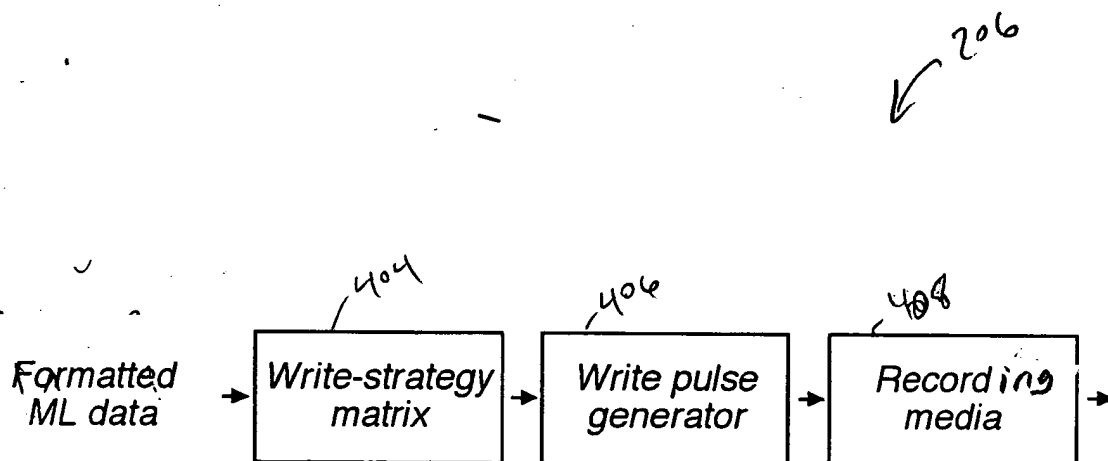


FIG. 4A. Data writer

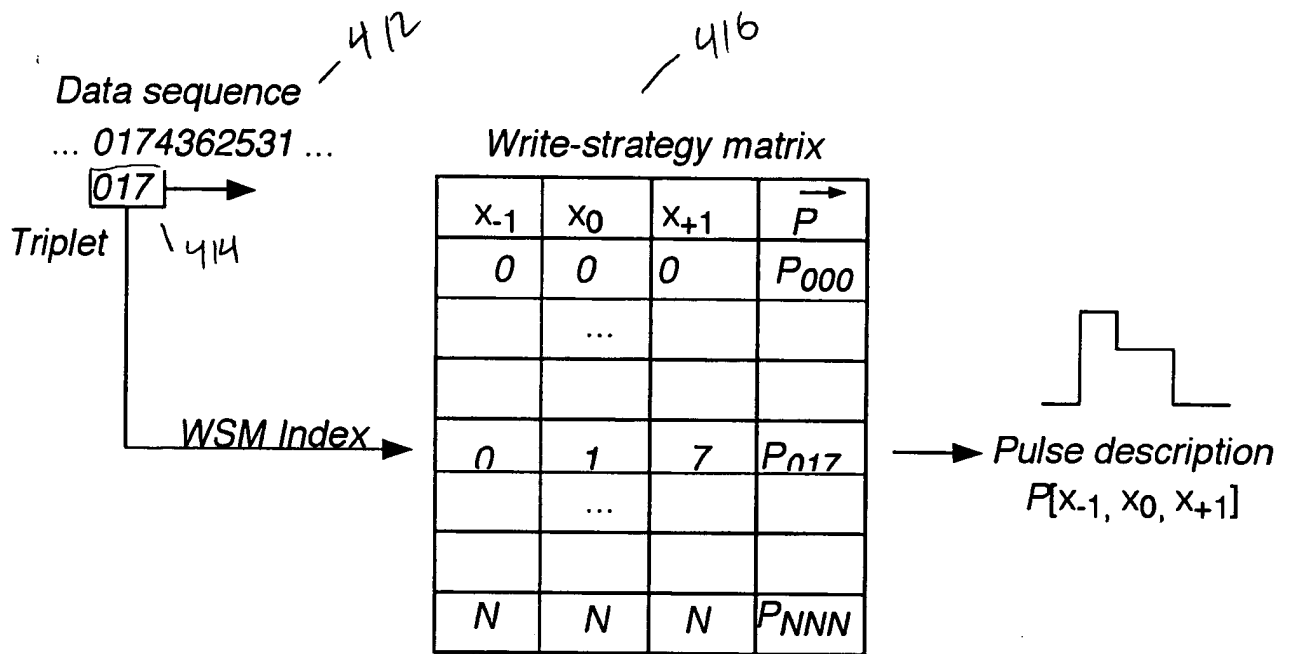


Figure 4B

1 2

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002020-86896460

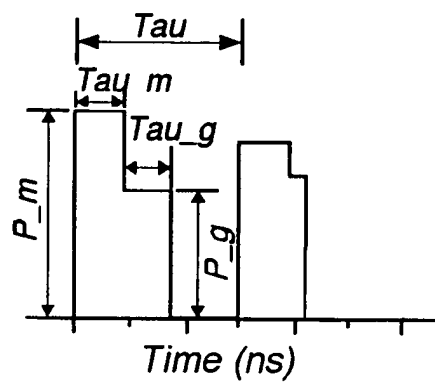


Figure 4C

000020-86896460

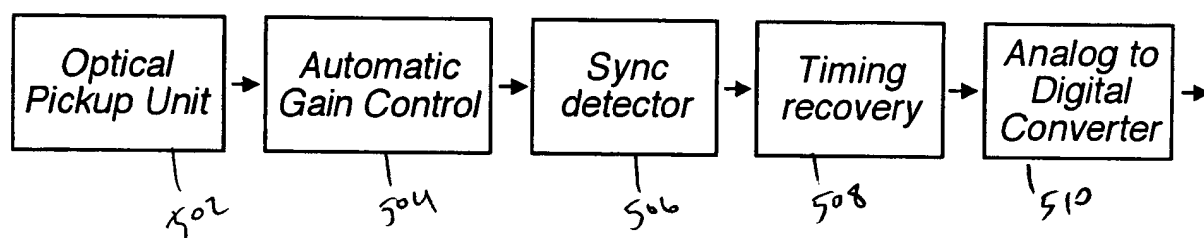


Figure 5

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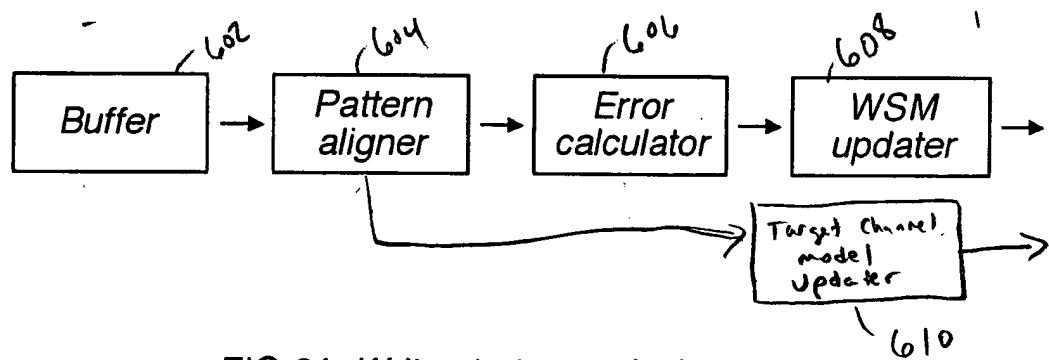


FIG 6A. Write-strategy calculator

000000-88895450

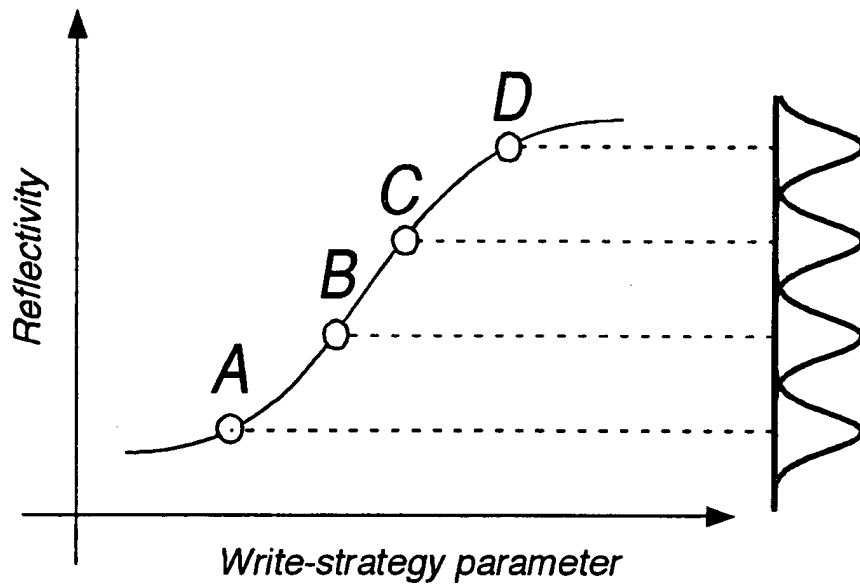


Figure 6B

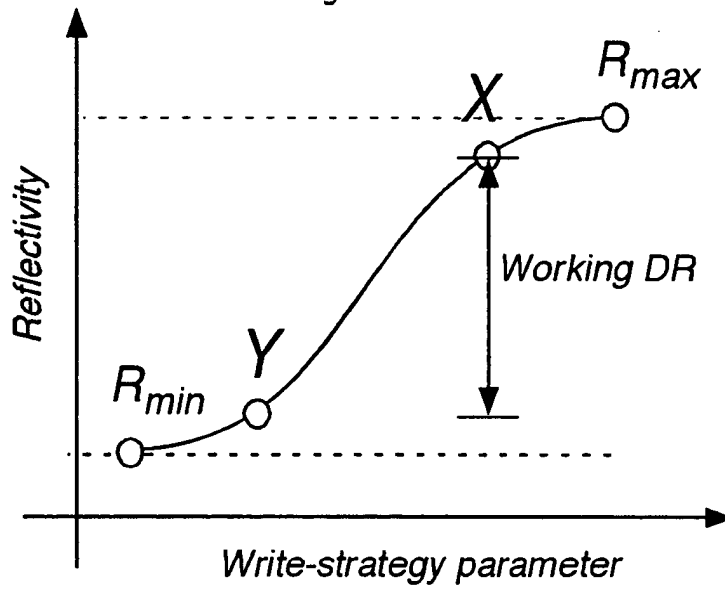
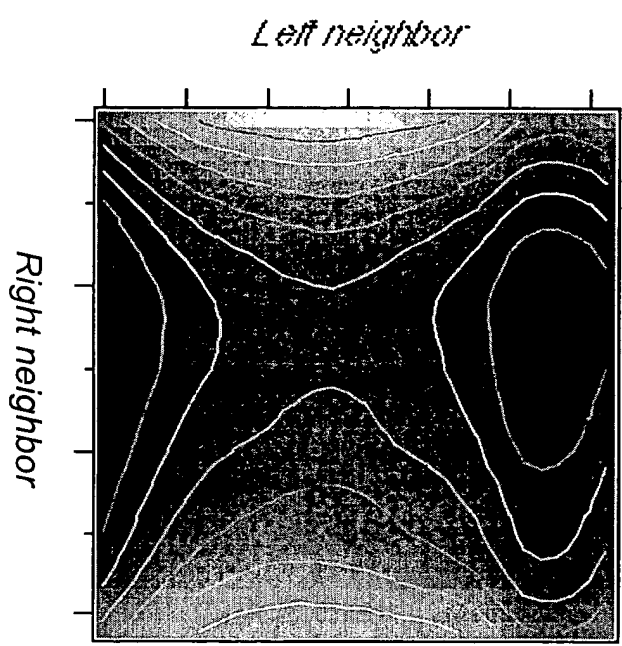


Figure 6C

Non-linear error (level 3)
before precompensation



Non-linear error (level 3)
after precompensation

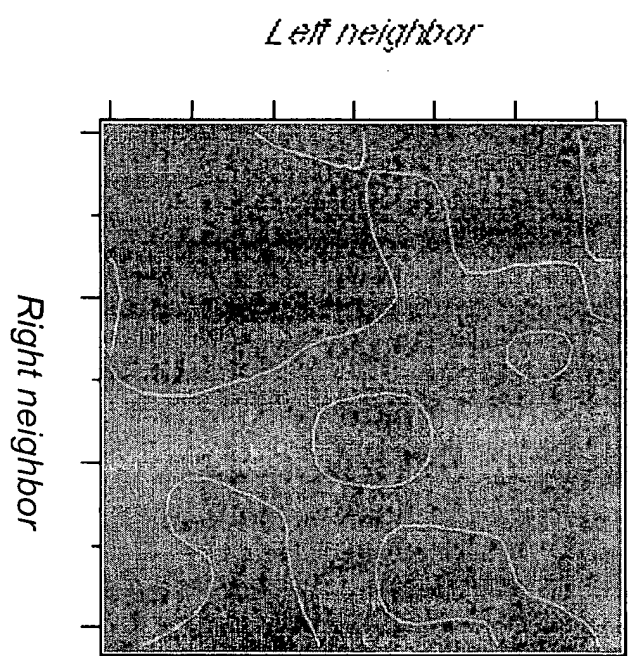


Figure 6D

Level placement criteria

ELC = Equal Level Criteria

CDC = Constant Discriminability Criteria

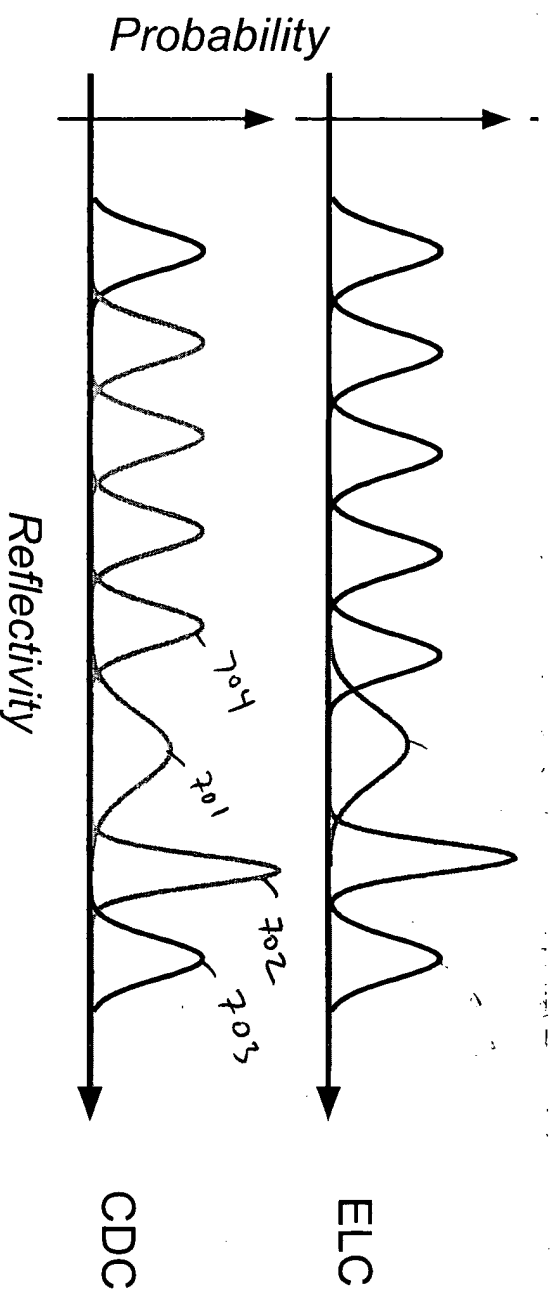


Figure 7

002020-86856760

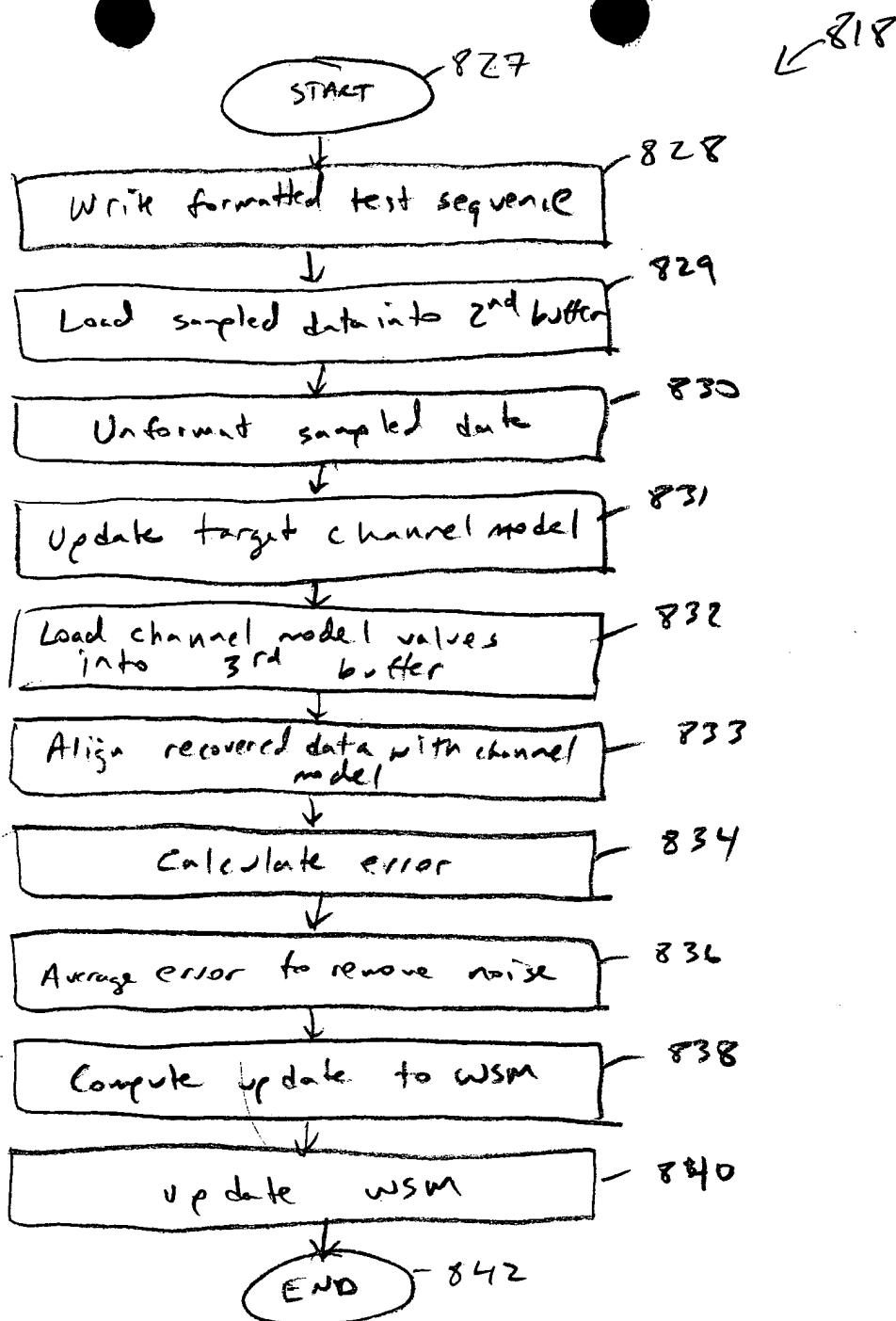


Figure 8B